



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)4

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

TYPE OF PLAN (CHECK ONE):	<input type="checkbox"/> SHORT TERM, FOR ONE PERMIT YEAR <input type="checkbox"/> LONG TERM, FOR PERIOD THROUGH DATE:	COMPANY NAME
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DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

DESCRIBE METHODS TO RESTRICT DAMAGE TO STREAM BANKS OR STREAM BANK VEGETATION.

DESCRIBE METHODS USED TO MINIMIZE IMPACTS ON THE STREAM ENVIRONMENTS, CONFINING ACTIVE MINING OPERATIONS TO THE GRAVEL BARS RATHER THAN FLOWING WATER AND RESTRICTING HAUL ROADS THROUGH FLOWING WATER.

PERMIT NUMBER	SITE NUMBER AND/OR NAME
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DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES OR OTHER INFORMATION.

By my signature, I attest to the following:

- 1) All statements made in this Stream Protection Plan form are correct, complete and true to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to protect the stream environment and remove sand and gravel in accordance with this plan, and in accordance with The Land Reclamation Act, Sections 444.760 through 444.790, RSMo (Supp. 2001), and all rules, regulations, orders, decisions, and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operation.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT ▶	TITLE	DATE
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NOTARY PUBLIC EMBOSSER OR BLACK INK RUBBER STAMP SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	SUBSCRIBED AND SWORN BEFORE ME, THIS	
	DAY OF	YEAR
	USE RUBBER STAMP IN CLEAR AREA BELOW.	
	NOTARY PUBLIC SIGNATURE	MY COMMISSION EXPIRES
	NOTARY PUBLIC NAME (TYPED OR PRINTED)	

FOR DEPARTMENT USE ONLY		
APPROVED BY ▶	DATE APPROVED	PERMIT NUMBER
PERMIT NUMBER	SITE NUMBER AND/OR NAME	

Attach the following documents to the Stream Protection Plan form:

I. LOCATOR MAP - two copies required.

The map must be of sufficient scale to locate and distinguish the permit boundary from other mine sites in the area. Please mark the access route from the nearest public road to the site so that our inspector can visit the mine. The locator map may be prepared on an original or clearly copied Missouri Highway Department County map, United States Geological Survey (USGS) 7-minute topographic map (map scale 1" = 2,000'), county assessor map **or an up-to-date county ownership plat**. In general, operators submit an up-to-date county ownership plat map to satisfy adjacent property owner notification letter requirements.

The locator map must show the following:

1. The permit area in relation to state or county roads and towns or cities in the general area.
2. North arrow, and map scale.
3. Company name, county, mine or site name, legal description (section, township, range), date of map preparation, and preparer's name.

II. DETAIL MAP - two copies required.

The Detail Map must be at scale of one inch to six hundred sixty feet (1" = 660') or larger (for example, 1" = 400', 1" = 200'). An original or clearly copied, up-to-date Agricultural Stabilization Conservation Service (ASCS) aerial photo (1" = 660') may be used as a base map.

The Detail Map must show the following:

1. The permit boundary. When submitting a long-term Stream Protection Plan, the boundary of the long-term Stream Protection Plan area must be identified on the detail map. The acreage associated with each boundary must be illustrated on the detail map.
2. Property lines and names of landowners, owners of surface and subsurface rights within the Stream Protection Plan area and names of all owners of adjacent properties.
3. Approximate positions of public roads located in or within one hundred feet (100') of the permit area.
4. The location terraces, waterways, and diversions within the Stream Protection Plan area.
5. The location of acreage within the Stream Protection Plan boundary.
6. Company name, permit number, county, site name or number, legal description (section, township, and range), date of map preparation, preparer's name, north arrow, and map scale.
7. Creeks or streams in or within one hundred feet (100') of the permit area.
8. Areas within the permit boundary mined prior to August 28, 1990.
9. Locations of abandoned underground or surface mines in, or adjacent to, the permit area.
10. Locations of acid or toxic-forming materials.
11. Positions of erosion and sediment control devices or structures.
12. Location of any structures (buildings, etc.) and natural or cultural features that require protection.